

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given to the Examiner by Applicant's representative, Mr. Dale G. Mohlenhoff (Reg. No. 37,683) over a telephone interview on November 17, 2010.
3. The application has been amended as follows:

#### **Listing of Claims:**

1. (Currently Amended) A method for open content model Web service messaging in a networked computing environment, the method comprising:

generating a transport neutral message comprising message recipient information, endpoint addressing information, and one or more reference properties comprising selectively opaque message context, the addressing information and selectively opaque message context are respectfully specified by an endpoint reference and message information headers, the message information headers further comprising a reply-to property identifying an intended recipient for a reply to the transport neutral message, a relates-to property that indicates how the transport

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neutral message relates to a different transport neutral message, at least one of the one or more reference properties to ensure that the reply-to property contains additional information to provide one or more functions related to a sender's implementation, and a fault-to property that is used to send one or more responses to a specific entity when there is a fault associated with the message, wherein the selectively opaque message context is based on an Extended Markup Language (XML) messaging protocol ~~a portion of the selectively opaque context directs a message recipient as to how to handle one or more messages sent to the endpoint in a session;~~

binding the transport neutral message to a transport protocol for communication to the message recipient, wherein binding the transport protocol is based on Simple Object Access Protocol (SOAP); and

wherein at least a portion of the selectively opaque message context is not directed to the message recipient, ~~the portion not directed to the message recipient being sent to one or more entities within a service.~~

2. (Previously Presented) A method as recited in claim 1, wherein the selectively opaque context directs an endpoint to send one or more responses to a message source, the message source not being the message recipient

3. (Canceled)

4. (Previously Presented) A method as recited in claim 1, wherein the message recipient is a service coordinator.

5. (Canceled)

6. (Canceled)

7. (Previously Presented) A method as recited in claim 1, wherein the addressing information and selectively opaque message context are respectfully specified by an endpoint reference and message information headers.

8. (Original) A method as recited in claim 7, wherein the endpoint reference is self-contained service endpoint description.

9. (Original) A method as recited in claim 7, wherein the endpoint reference and/or message information headers provide identification and description of specific service instances and/or specific instance details.

10. (Original) A method as recited in claim 7, wherein the message information headers further comprise a reply to property identifying an intended recipient for a reply to the transport neutral message, a relates to property that indicates how the transport neutral message relates to a different transport neutral message.

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11. (Currently Amended) A computer-readable storage medium comprising computer-program instructions for open content model Web service messaging in a networked computing environment, the computer-program instructions being executable by a processor for:

generating a transport neutral message comprising message recipient information, endpoint addressing information, and one or more reference properties comprising selectively opaque message context, the addressing information and selectively opaque message context are respectfully specified by an endpoint reference and message information headers, the message information headers further comprising a reply\_to property identifying an intended recipient for a reply to the transport neutral message, a relates\_to property that indicates how the transport neutral message relates to a different transport neutral message, at least one of the one or more reference properties to ensure that the reply\_to property contains additional information to provide one or more functions related to a sender's implementation, and a fault\_to property that is used to send one or more responses to a specific entity when there is a fault associated with the message, wherein the selectively opaque message context is based on an Extended Markup Language (XML) messaging protocol;

binding the transport neutral message to a transport protocol for communication to the message recipient, wherein binding the transport protocol is based on Simple Object Access Protocol (SOAP); and

wherein at least a portion of the selectively opaque message context is not directed to the message recipient.

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12. (Previously Presented) The computer-readable storage medium as recited in claim 11, wherein the selectively opaque context directs an endpoint to send one or more responses to a message source, the message source not being the message recipient.

13. (Previously Presented) The computer-readable storage medium as recited in claim 11, wherein a portion of the selectively opaque context directs the message recipient as to how to handle one or more messages sent to the endpoint in a session

14. (Previously Presented) The computer-readable storage medium as recited in claim 11, wherein the message recipient is a service coordinator.

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Previously Presented) The computer-readable storage medium as recited in claim 17, wherein the endpoint reference is self-contained service endpoint description.

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19. (Previously Presented) The computer-readable storage medium as recited in claim 17, wherein the endpoint reference and/or message information headers provide identification and description of specific service instances and/or specific instance details.

20. (Canceled)

21. (Currently Amended) A computing device comprising:

a processor; and

a memory coupled to the processor, the memory comprising computer-program instructions executable by the processor for open content model messaging in a networked computing environment, the computer-program instructions comprising instructions for:

generating a transport neutral message comprising message recipient information, endpoint addressing information, and one or more reference properties comprising selectively opaque message context,

wherein a portion of the selectively opaque context directs a message recipient as to how to handle one or more messages sent to the endpoint in a session, and

further wherein the addressing information and selectively opaque message context are respectfully specified by an endpoint reference and message information headers, the message information headers further comprising a reply\_to property identifying an intended recipient for a reply to the transport neutral message, a relates\_to property that indicates how the transport neutral message relates to a different transport neutral message, at least one of the one or more reference properties to ensure that the reply\_to property contains additional information to

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provide one or more functions related to a sender's implementation and a fault-to property that is used to send one or more responses to a specific entity when there is a fault associated with the message, wherein the selectively opaque message context is based on an Extended Markup Language (XML) messaging protocol;

binding the transport neutral message to a transport protocol for communication to the message recipient, wherein binding the transport protocol is based on Simple Object Access Protocol (SOAP); and

wherein at least a portion of the selectively opaque message context is not directed to the message recipient.

22. (Original) A computing device as recited in claim 21, wherein the selectively opaque context directs an endpoint to send one or more responses to a message source, the message source not being the message recipient.

23. (Original) A computing device as recited in claim 21, wherein a portion of the selectively opaque context directs the message recipient as to how to handle one or more messages sent to the endpoint in a session.

24. (Original) A computing device as recited in claim 21, wherein the message recipient is a service coordinator.

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Previously Presented) A computing device as recited in claim 27, wherein the endpoint reference is self-contained service endpoint description.

29. (Original) A computing device as recited in claim 27, wherein the endpoint reference and/or message information headers provide identification and description of specific service instances and/or specific instance details.

30. (Canceled)

31. (Currently Amended) A computing device comprising:  
a processor; and  
a memory coupled to the processor;  
an open content model (OCM) messaging component stored in the memory and executed on the processor to:  
generate a transport neutral message comprising message recipient information, endpoint addressing information, and one or more reference properties comprising selectively opaque message context, the addressing information and selectively opaque message context are



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respectfully specified by an endpoint reference and message information headers, the message information headers further comprising a reply-to property identifying an intended recipient for a reply to the transport neutral message, a relates-to property that indicates how the transport neutral message relates to a different transport neutral message, at least one of the one or more reference properties to ensure that the reply-to property contains additional information to provide one or more functions related to a sender's implementation, and a fault-to property that is used to send one or more responses to a specific entity when there is a fault associated with the message, wherein the selectively opaque message context is based on an Extended Markup Language (XML) messaging protocol ~~a portion of the selectively opaque context directs a message recipient as to how to handle one or more messages sent to the endpoint in a session;~~

bind the transport neutral message to a transport protocol for communication to the message recipient, wherein binding the transport protocol is based on Simple Object Access Protocol (SOAP); and

wherein at least a portion of the selectively opaque message context is not directed to the message recipient, ~~the portion not directed to the message recipient being sent to one or more entities within a service.~~

32. (Original) A computing device as recited in claim 31, wherein the selectively opaque context directs an endpoint to send one or more responses to a message source, the message source not being the message recipient.

33. (Canceled)

34. (Original) A computing device as recited in claim 31, wherein the message recipient is a service coordinator.

35. (Currently Amended) A computer-readable storage medium, wherein the medium does not include a signal, comprising computer-program instructions executable by a processor for implementing an open content model data structure thereon, the open content model data structure comprising:

a message recipient data field;

an endpoint addressing data field; and

one or more reference properties data fields comprising selectively opaque message context, at least a portion of the selectively opaque message context is not directed to the message recipient,

wherein the endpoint addressing data field and selectively opaque message context are respectfully specified by an endpoint reference and message information headers, the message information headers further comprising a reply-to property identifying an intended recipient for a reply to the transport neutral message, a relates-to property that indicates how the transport neutral message relates to a different transport neutral message, at least one of the one or more reference properties to ensure that the reply-to property contains additional information to provide one or more functions related to a sender's implementation, and a fault-to property that is used to send one or more responses to a specific entity when there is a fault associated with the message, wherein the selectively opaque message context is based on an Extended Markup

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Language (XML) messaging protocol, a portion of the selectively opaque context directs a message recipient as to how to handle one or more messages sent to the endpoint addressing data field in a session and the portion not directed to the message recipient being sent to one or more entities within a service

wherein the transport neutral message is bound to a transport protocol for communication to the message recipient, the transport protocol being based on Simple Object Access Protocol (SOAP).

36. (Previously Presented) The computer-readable storage medium as recited in claim 35, wherein the selectively opaque context directs an endpoint to send one or more responses to a message source, the message source not being the message recipient.

37. (Canceled)

### ***Reasons for Allowance***

4. Applicant filed affidavits under Rule 1.130, 1.131 or 1.132 on 7/18/2008, 1/23/2009 and 12/10/2009 respectively trying to disqualify the reference "Bosworth et al., Web Services Addressing (WS-Addressing), March 13, 2003" as a prior art reference. The affidavit filed on 12/10/2009 is compliant with 37 CFR 1.132, therefore was accepted by the Office and in turn removed the Bosworth reference as eligible prior art.

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5. None of the eligible prior art, taken singularly or in combination, reasonably taught or suggested the combined limitations of the amended independent claims 1, 11, 21, 31 and 35, which recites a SOAP message header format for web services addressing, where the header comprises the specific fields (i.e. properties) as recited in the claim.

6. The claimed invention is fully supported by the specification as originally filed (Application Specification, pages 27-29, Tables 8 and 9 and paragraph. [0052]).

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHIRLEY X. ZHANG whose telephone number is (571)270-5012. The examiner can normally be reached on Monday through Friday 8 am - 5:30pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glen Burgess can be reached on (571) 272-3958. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. X. Z./

Examiner, Art Unit 2442

11/19/2010

/KEVIN BATES/

Primary Examiner, Art Unit 2456